



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Lyle E. Grosbach et al : Date: January 18, 2005
Group Art Unit: 2183 : IBM Corporation
Examiner: Unassigned : Intellectual Property Law
Serial No.: 10/675,677 : Dept. 917, Bldg. 006-1
Filed: September 30, 2003 : 3605 Highway 52 North
Title: HIERARCHICAL SCHEDULING : Rochester, Minnesota 55901

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450
Sir:

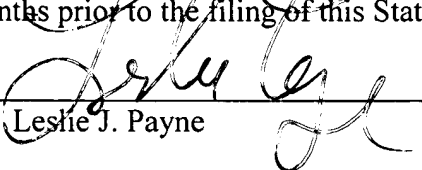
Applicants request that the information listed on the attached Form PTO/SB/08A be considered by the Office during the pendency of the above entitled application, pursuant to 37 C.F.R. §1.97. In accordance with 37 C.F.R. §1.97(h), the filing of this Information Disclosure Statement shall not constitute an admission that any information cited therein is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b). In the interest of full and complete disclosure to the Office, some or all of the art cited herein may not be considered by Applicant(s) or the Undersigned to be material under the new standard of materiality defined in 37 C.F.R. §1.56(b), enacted March 16, 1992, but may be material under the old standard of materiality defined in 37 C.F.R. §1.56(a), last amended on November 28, 1988, or may merely be technical background which may be of interest to the Examiner. In accordance with 37 C.F.R. §1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made.

The references listed herein were cited in a search report by a foreign patent office, a copy of which is attached hereto. If any references listed herein are in a language other than English, said foreign search report is submitted in satisfaction of the requirements of 37 C.F.R. 1.98(a)(3).

This Information Disclosure Statement is being filed under 37 C.F.R. §1.97(b)(3) before the mailing of a first office action. No filing fee is required because each item of information contained herein was cited for the first time in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement (certification provided below).

CERTIFICATION

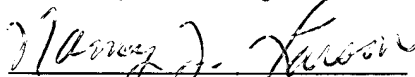
I hereby certify that each item of information contained herein was cited for the first time in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement.


Leslie J. Payne

1/18/05
Date

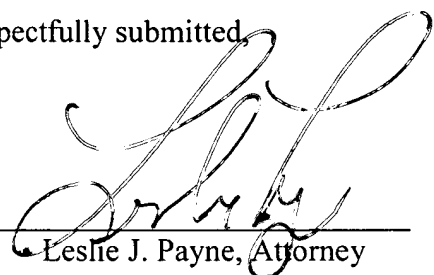
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on

January 18, 2005
(Date of Deposit)


Nancy J. Larson

Respectfully submitted,

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PTO/SB/08A

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**Sheet 1 of 2

Application Number.: 10/675,677
 Filing Date: September 30, 2003
 First Named Inventor: Lyle E. Grosbach
 Art Unit: 2183
 Examiner Name: Unassigned
 Attorney Docket Number.: ROC920030060US1

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	<u>Document Number</u>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns or Lines Where Relevant Passages or Figs. Appear
		Number - Kind Code ² (if known)			
		US 6,272,109 B1	08/07/2001	Pei Tong-Bi et al	
		US 6,396,843 B1	05/28/2002	Chiussi Fabio Massimo et al	

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	<u>Foreign Patent Document</u>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns or Lines Where Relevant Passages or Figs. Appear	T ⁶
		Country ³ - Number ⁴ - Kind Code ⁵ Code (if known)				

Examiner Signature		Date Considered	
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language translation is attached.

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

Sheet 2 of 2

Application Number.: 10/675,677
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 First Named Inventor: Lyle E. Grosbach
 Art Unit: 2183
 Examiner Name: Unassigned
 Attorney Docket Number.: ROC920030060US1

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and or country where published.	T ²
		Charny, A. et al, "Algorithms for Providing Bandwidth and Delay Guarantees in Input-Buffered Crossbars with Speedup", Quality of Service 1998 (IWQQS 98). 1998 Sixth International Workshop on Napa, CA., USA, May 18-20 1998, New York, NY, USA, IEEE, US, May 18, 1998, Pages 235-244	
		Loannou, A. et al, "Pipelined Heap (Priority Queue) Management for Advanced Scheduling in High-Speed Networks", ICC 2001, 2001 IEEE International Conference on Communications, Conference Record, Helsinki, Finland, June 11-14, 2001, IEEE International Conference on Communications, New York, NY, USA, Volume 1, of 10, June 11, 2001, Pages 2043-2047	

Examiner Signature		Date Considered	
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